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**Subject:** Fw: Situation Report #30 Hurricane Sandy - Operations Continue  
**Date:** 11/26/2012 11:27 PM  
**Attachments:** [hurricanesandy\\_sitrep\\_30.htm](#)  
[P530\\_121126\\_HS\\_R2\\_Resources\\_NJ.pdf](#)  
[P530\\_121126\\_HS\\_R2\\_Resources\\_NY.pdf](#)

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Hurricane Sandy - Polrep/Sitrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region II

**Subject:**

**SITREP**

**#30  
Operations  
Continue  
Hurricane  
Sandy**

**Edison, NJ  
Latitude:  
40.4494047  
Longitude: -  
74.4379073**

**To:**

EPA Region  
02 REOC,  
Regional  
Emergency  
Operations  
Center  
Situation  
Unit Region  
2, EPA  
Region 2

**Thru:**

REOC  
Deputy  
Regional  
Incident  
Coordinators,  
Christopher  
Jimenez (NJ)  
Kelly  
Lucarino  
(NJ)  
Bonnie  
Hriczko  
(NY)  
Neil Norrell  
(NY)

**From:**

REOC  
Situation  
Unit Leader,  
Keith Glenn  
(Day  
Operations)  
Ray  
Ledbetter  
(Night  
Operations)

**Date:**

11/26/2012

**Reporting Period:**

0700 hrs  
11/26/12 thru  
1900 hrs  
11/26/12

**Executive Summary**

**Executive Summary**

EPA activities in response to Hurricane Sandy continue at a steady pace.

Operations in New Jersey were focused in the Ironbound neighborhood of Newark. The Ironbound Community Corporation requested a status report of facilities located in the area that may have impacted the surrounding residential community. All EPA regulated facilities had been assessed with no issues found. EPA inspected an additional 31 facilities, although they were not regulated by EPA. One of these facilities was found to contain an orphaned container.

Recovery crews continued activities in Monmouth County including meeting officials to discuss water recovery operations of orphaned containers. EPA contractors are in the process of obtaining resources for providing appropriate vessels for retrieving the water-logged materials.

Staging and processing of hazardous wastes and containers continued at the Lakewood and Edison staging areas.

In New York City, recovery crews deployed to Breezy Point in Queens, a neighborhood devastated by storm surge and significant fires. Curbside collection also continued in the Rockaways, Coney Island, and neighborhoods throughout Staten Island. Materials were sent to Riis Park, Father Capodanno, and Fresh Kills staging areas, where EPA crews continue to manage and prepare wastes for disposal. The first shipments of HHW commenced this operational period at Fresh Kills.

At Floyd Bennett Field, the test burn scheduled for the next operational period has been suspended until Wednesday November 28, 2012. This is due to the incompleteness of FEMA outreach issues, NYSDEC and NYCDEP air monitors not fully operational, and the NPS not knowing that burns were to be conducted on their lands. EPA collected pre-test burn air samples and continue to maintain live air monitoring at 8 locations throughout Floyd Bennett Field. These data can be viewed through the EPA VIPER network.

In Nassau County, the Old Bethpage Landfill staging area was closed and all operations were moved to the Nickerson Beach staging area in Lido Beach. Operations at the four staging areas in Suffolk County were reduced to drop-off only status, due to reductions in volume collected during curbside activities as well as municipalities resuming normal HHW collections.

The total number of containers of hazardous materials collected in NY and NJ to date is 74,385.

## **1. Introduction**

### **1.1 Background**

<b>Site Number:</b>		<b>Contract Number:</b>	
<b>D.O. Number:</b>		<b>Action Memo Date:</b>	
<b>Response Authority:</b>	Stafford Act	<b>Response Type:</b>	Emergency
<b>Response Lead:</b>	FEMA	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	
<b>Mobilization Date:</b>	10/29/2012	<b>Start Date:</b>	10/29/2012
<b>Demob Date:</b>		<b>Completion Date:</b>	
<b>CERCLIS ID:</b>		<b>RCRIS ID:</b>	
<b>ERNS No.:</b>		<b>State Notification:</b>	

#### **1.1.1 Incident Category**

## Hurricane Disaster Response

### 1.1.2 Site Description

#### 1.1.2.1 Location

Ten counties were originally declared eligible for Public Assistance in New Jersey: Atlantic, Cape May, Essex, Hudson, Middlesex, Monmouth, Ocean, Somerset, Bergen, and Union. On November 5, 2012 FEMA declared the remaining New Jersey counties eligible for public assistance: Cumberland, Salem, Gloucester, Camden, Burlington, Mercer, Hunterdon, Warren, Morris, Sussex, and Passaic.

Nine counties have been declared as eligible for Public Assistance in New York State: Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Westchester, and Suffolk. On November 14, 2012 FEMA declared an additional 4 counties eligible for Individual and Public Assistance: Orange, Putnam, Sullivan, and Ulster.

#### 1.1.2.2 Description of Threat

Releases of oil and chemicals as a direct result of high winds and flooding. Damage to facilities located within the impacted area have the potential to transport containers, waste, and process equipment that may contain hazardous materials. High winds from hurricane Sandy have caused transformer poles to fall and substations to catch fire and cause additional hazards throughout communities. Storm surges along the coast line and inner waterways have moved sand, sediments, and sludge into residential and business properties. Several coastal communities have reported widespread devastation.

#### 1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Preliminary Removal Assessments and Site Inspections were not formally conducted at all EPA sites. Project managers took numerous steps at Superfund Sites in efforts to prepare for Hurricane Sandy. Damage assessments at Removal and Remedial Sites were conducted by RPMs, OSCs, and other agency personnel. Any issues at sites as a result of Hurricane Sandy have been resolved.

### 1.2 Incident Objectives

#### Incident Objectives

- 1) The health and safety of our responders is the highest priority.
- 2) Ensure health and safety of the public by conducting environmental assessments, controlling hazards, and operating in accordance with the approved site safety and quality assurance sampling plans.
- 3) Assess needs and support the sustained operation of public drinking water facilities impacted by the storm. This is the agency's current operational priority. Assess needs and support the sustained operation of waste water facilities impacted by the storm.
- 4) Conduct aggressive air, ground and water recon and investigation activities to identify active and potential pollution targets, as well as confirm extent of hurricane damage to oil and chemical facilities and critical infrastructure.
- 5) Rapidly control, contain and mitigate all sources of pollution threatening or impacting public health and the environment, to include the navigable waterways. Coordinate actions with the States.
- 6) Manage a coordinated response effort with local, state, federal and industry partners and ensure adherence to



policies, practices and plans of each. Assure that all stakeholders are informed of response activities and enhance proactive media and community outreach programs.

7) Manage a financial system that ensures accurate, efficient and effective accounting of resources continually monitor ESF #10 funds and adjust operations as needed.

8) Pursue and deploy any resources needed to support and sustain agency missions.

### **1.3 Critical Resource Needs**

#### **Critical Resource Needs**

Critical Needs to maintain operational status and projected operational goals are being coordinated through the Resource Unit Leader. EPA is working closely with local, state, and federal partners to coordinate critical needs of facilities that have been impacted. Liaison Officers in the FEMA JFOs continue to coordinate with other ESF partners on addressing needs.

### **1.4 Strategic Considerations**

#### **Strategic Considerations**

1) Develop work products, deliver necessary briefings, and arrange field oversight to ensure the health and safety of responders.

2) Ensure staffing adjustments meet current operational needs.

3) Provide direct work and/or technical support to collect HHW.

4) Provide technical assistance to local and State governments on debris removal, including options to maximize recycling and composting.

5) Coordinate efforts with States to identify needs and resolve issues.

6) The PVSC and MUCA waste water facility responses are a high priority.

7) Assure timely and accurate data management to enhance the operational function of the ESF #10 response effort with a high emphasis on drinking water and waste water reporting.

8) Accurately document ESF #10 response actions and ensure it is captured in appropriate official repositories.

9) Support the regional and national public affairs needs to provide effective messaging.

## **2. Current Activities**

### **2.1 Operations Section**

## **DIVISION NEW JERSEY**

Eight counties were initially declared eligible for Public Assistance in New Jersey. Two additional counties, Cumberland and Hudson, were added on 3 November 2012. On 5 November 2012 FEMA declared all remaining New Jersey counties eligible for Public Assistance.

## **NEW JERSEY RESPONSE ACTIONS**

Field operations were focused on providing continued support by the Waste Water Assessment Teams to two large waste water treatment facilities in Middlesex and Essex Counties, Hazmat Assessment efforts in Monmouth, Ocean, and Essex Counties, and Mitigation Support in Ocean County; Water Assessment support efforts were suspended for this operational period.

### **Wastewater Facilities (NJ)**

#### **Passaic Valley Sewerage Commission (PVSC)**

PVSC continues to make significant progress towards restoration of the facility to pre-storm removal efficiencies:

The majority of the Primary and Secondary clarifiers are on-line, and PVSC continues to work on repairing and/or replacing equipment throughout the facility (i.e., Zimpro, decant, sludge storage, thickeners, and filter press facilities).

PVSC contractors continue to work on repairs to the permanent centrifuge dewatering facilities.

Synagro continues to dewater sludge with all ten of the temporary centrifuges. The dewatered sludge is being transported for off-site disposal.

USEPA's ERRS contractors continue power-washing operations at the facility. These activities are being conducted in coordination with PVSC to augment PVSC's cleanout of the impacted tunnels and basements as a means of re-energizing pumps, motors, and electrical systems.

USEPA's ERT continues to maintain perimeter and off-site air sampling stations for the possibility of fugitive hydrogen sulfide (H<sub>2</sub>S) emissions during Synagro's operation of the mobile centrifuges. All air monitoring results are being forwarded to the NJDEP for public dissemination. The ERT also continues to conduct H<sub>2</sub>S monitoring in close proximity to Synagro's dewatering operation; these results continue to average less than the DEP's public nuisance standard of 30 ppb. No changes in Synagro's operational practices have been required.

ERRS will continue power-washing operations in coordination with PVSC personnel. USEPA will continue to coordinate recovery efforts with PVSC and NJDEP during restoration of PVSC's treatment status to pre-hurricane efficiencies.

On 26 November 2012, an USEPA ERT and an USEPA OSC returned to the PVSC Facility for the continued management of the H<sub>2</sub>S monitoring for the sludge de-watering process. No overnight alarms were observed. The USEPA ERT visited the operation site and performed H<sub>2</sub>S screening. Values of 17 and 21 ppb were obtained on the north side of the operations area, and values of 300 and 250 ppb were observed on the south side of the operation area. Batteries were replaced on the 5 monitors operating on a marine battery. As of 1130 EST, all ten site monitors are in operation.

#### **Middlesex County Utility Authority (MCUA)**

EPA continued steam-washing activities at the Sayreville Relief Pump Station (SRPS). It is anticipated that the cleaning of the lower tier of the SRPS will require another approximately 10 to 14 days to complete.

**Pumping Status:** MCUA continues to take all measures to minimize pumping to the Washington Canal (a tributary of the Raritan River System). Since yesterday's mid-day report, discharge was required for approximately 6 hours between 2000 EST and 0200 EST today due to one inoperable temporary pump during that period.

**Temporary Wet-Weather Bypass Pumping System Status:** EPA participated in a conference call between

MCUA and NJDEP regarding the need for permitting of the proposed temporary wet weather bypass system. NJDEP acknowledged the need for the system to protect the pump station repairs from damage and prevent uncontrolled discharge during a storm event. NJDEP has granted permission to install the system and will allow its use pending MCUA's submission of a system description and other documentation as requested on the call.

**Pump Station Repair Status:** The repair schedule is still being refined. It is still anticipated that the first Sayreville station pump will be installed in the Original Sayreville Pump Station (OSPS) by 7 December 2012. That pump will provide a more permanent 40 MGD flow capacity in the system.

#### **Hazmat Assessment Team (NJ)**

Three hazmat assessment teams were deployed to Monmouth and Essex counties

One assessment team attended a meeting with officials in Monmouth County. EPA met with Monmouth County Hazmat to discuss open items left in the county. Boat operations were also discussed and tentatively scheduled for Wednesday through Friday within the county (weather dependent). The team pumped out and recovered one orphan 275-gallon home heating oil tank from a residence in Long Beach, NJ. Additionally, the team assessed the Middlesex County Utilities Authority Landfill. The landfill property contained orphaned drums from the Raritan River surge. Approximately 10-15 items were identified for future recovery.

At the request of a community group, the Ironbound Community Corporation, two additional assessment teams visited facilities in Newark with the potential for hazmat affected by Hurricane Sandy flooding. These were smaller facilities outside of EPA regulation. The facilities assessed and findings from each are presented in the table below:

<b>Facility Name</b>	<b>Address</b>	<b>Findings</b>
Tri State Trading Co.	10 Esther St. Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Recycling Fibers	60 Lockwood St. Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Graver Technology	72 Lockwood St. Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Messenger Trucking	84 Lockwood St. Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Fiske Brothers Refining, d.b.a. Lubriplate Inc.	129 Lockwood St. Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Atlas Refining	142 Lockwood St. Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Bukowiec's Meat Products	9b Euclid St. Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Reddaway Mfg.	32 Euclid St. Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Farm Fresh	43 Euclid St. Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Duralac Inc.	84 Lister Ave Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Chemical Waste Management	103 Lister Ave. Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Benjamin Moore Paint Co.	134 Lister Ave. Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Newark Steel Fabricators	104 – 107 Albert St. Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Abadin Plumbing Supplies	111 Albert St. Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Hayes Park East	1 Waydell St. Newark, NJ 07105	No spills at facility: No USEPA assistance needed.

Marchem Dublon Chemical Co.	85 Waydell St. Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Collision Inc.	24 Foundry St.Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
George A. Matheuson Co. Bearings and Power Transmission	9 Foundry St.Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Liberty Mechanical Contractors, Inc.	330-336 Raymond Blvd.Newark, NJ 07105	Located 55-gal drum of solid unknown contents for removal.
L&P Equipment	692 Ferry St.Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Bennett Heating Treating Co.	690 Ferry St.Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Triangle Legacy	666 Ferry St.Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Newark Glove and Safety Equipment Co	664 Ferry St.Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Arol Chemical Products Co Inc	649 Ferry St.Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
PSE&G	306-324 Raymond Blvd.Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Sea Gas LLC	349 Raymond Blvd.Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Reichold Chemical	400 Doremus Ave.Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Sims Metals Management	252 Doremus Ave.Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Darling	825 Wilson Ave.Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Fairmont Chemical	117 Blanchard St.Newark, NJ 07105	No spills at facility: No USEPA assistance needed.
Industrial Welding	655 Ferry St.Newark, NJ 07105	No spills at facility: No USEPA assistance needed.

#### Mitigation Team (NJ)

One mitigation team traveled to the Lakewood Pad. The team observed and documented items that were brought in from the Edison Pad site. Flammable waste drums were characterized in preparation for their eventual disposal. ERRS contractors continued cutting of empty drums.

EPA has commenced efforts to determine the originators and owners of the containers recovered by field teams. A number of individuals/companies have been contacted in hope that responsibility of the materials can be turned over to the proper owners.

New Jersey Hazardous Waste Summary *							Operational Period: 11/26/2012	
						Small		
		Propane		Containers	Other	Containers	Op-Period	Location Cumulative
Location	Drums	Tanks	Cylinders	(6-54 Gal)	(Large)	(<5 gal)	Totals	Totals

Edison Staging Area	0	0	0	0	0	0	0	9
Lakewood Staging Area	2	0	0	0	1	0	3	176
Vineland Container Storage Facility**	0	0	0	0	0	0	0	24
<b>Daily Total</b>	<b>3</b>							
<b>Cumulative Total</b>	<b>209</b>							

\* All Counts Based on Initial Intake Locations. \*\* Staging areas are no longer collecting/managing HHW.

## NEW YORK RESPONSE ACTIONS

### New York City

#### Assessment Teams (NY)

At USCG Sector New York Unified Command, two EPA contractors and one OSC were onsite to assist USCG with hazmat assessments and collection in Shrewsbury, NJ. EPA continues to coordinate with USCG, NJDEP, NYSDEC, and NYCDEP. USCG assessment activity is anticipated to be completed on 28 November 2012.

EPA recovery teams conducted HHW and orphaned container collection in Breezy Point and Roxbury in the Rockaways area. The teams conducted street by street sweeps and contacted residents when available.

#### NYC Debris Management Plan

The test burn at Floyd Bennett Field has been moved to Wednesday, 28 November 2012, due to a number of preparation issues. One such issue is the communication of the burn to area residents and communities. In the interim, all EPA pre-test burn samples have been collected and sent to the laboratory for analysis. A total of 8 E-Bam air monitors have been set up by ERT personnel and live monitoring is available through the VIPER network system. ERT continues to coordinate with the Region 2 air program on obtaining monitoring data and adding it to the VIPER system. These particulate air monitors were brought in by the regional air program under interest from NY State.

Based on a conference call with USDA progress has been made regarding the recycling of the wood chips. Three different recyclers will receive wood chips by April 1, 2013 and processed into smaller chips by May 1, 2013 in efforts to prevent larvae hatching of the Asian longhorn beetle. These time frames may be adjusted to earlier timeframes based on weather conditions. Heat generated through the wood piles and the ambient temperature will induce the hatching of these larvae.

EPA continued to assist coordination efforts on recycling of vehicles and boats that were damaged/abandoned as a result of Hurricane Sandy. Ashbritt, the contractor for NYC, has been given information regarding environmentally sound disposal and recycling of materials.

EPA continued to assist USACE on issues regarding the private property debris removal phase of operations. It is unknown at this time as to whether EPA will have a mission to assist in the demolition of homes.

### **Jacob Riis Park (Queens)**

EPA recovery teams continued HHW curbside collection activities in storm affected areas in the Rockaways and Coney Island (Brooklyn). HHW continued to be collected, segregated and staged for transportation and disposal at the Jacob Riis HHW collection site. It is estimated that approximately 5,000 cubic yards of debris material was sifted for HHW during the operational period. EPA pile segregation operations were permanently halted this afternoon.

National Park Service (NPS) has proposed an access agreement for EPA's use of the football field property on the eastern side of Riis Park for HHW container collection and staging. NPS is working with EPA's Office of Regional Council (ORC) to solidify the agreement. The ORC is awaiting approval from EPA Headquarters to proceed.

EPA laid out the roadway and pad outline for the planned staging pad. Sampling was performed yesterday at the proposed location to determine a baseline against any contamination as a result of our activities.

EPA attended the 0600 hours DSNY meeting with the USACE and their contractor, ECC, where DSNY makes debris collection route assignments to ECC. After the meeting EPA went to the DSNY Garage and met with DSNY representatives to obtain the DSNY debris collection routes and made arrangements to receive these routes daily via email.

### **Fresh Kills Landfill (Staten Island)**

Staging and segregation of HHW continued in the NYC Department of Sanitation indoor garage building at Fresh Kills Plant #2, utilizing containment cells consisting of poly sheeting and absorbent boom. Compressed gas cylinders were collected in an outdoor staging area. Plant #2 continued to receive orphaned containers collected by ERRS and stage them for characterization and disposal. NYCDEP also continued to drop-off materials collected from all five boroughs of NYC.

Fresh Kills staging area is receiving packaged one-cubic yard boxes of HHW from Father Capodanno HHW collection sites for labeling and off-site shipments to selected disposal facilities. The first off-site shipment of HHW took place today. The shipment consisted of 24 one-cubic yard boxes (22,140 lbs) of non-regulated/non-hazardous latex paint which was shipped to Ontario County Landfill, Stanley, NY for disposal.

Sixteen fire extinguishers were sent to the Fire Extinguisher Maintenance Company (FEMCO) for reuse.

### **Father Capodanno (Staten Island)**

EPA recovery teams continued curbside HHW container collection and staging at Father Capodanno Park in Staten Island. Once the area near Father Capodanno has been cleared of HHW, all collection operations from this site will be moved to Fresh Kills Landfill.

### **Rockaways Beach Sand Reuse at the Mariner's Beach Park**

The storm surge generated as a result of Hurricane Sandy displaced a significant amount of sand along coastal communities throughout Brooklyn and Queens. In particular, beach sand from the Rockaways was pushed throughout the streets and residential properties of this Queens neighborhood. Sanitation crews collected sand from the streets and piled it in a community area. EPA has been providing technical assistance to NYC, NYSDEC, and USACE on the beneficial reuse of the sand. One such use is increasing the size of the Mariner's Marsh Park located in Staten Island. The park is a Brownfields project and the use of sand here would enlarge the park by several acres. The City of New York also has plans on using the sand for berming of beaches at Cedar Grove Beach, New Drop Beach, Midland Beach, and Wolfe's Pond in Staten Island along with Coney Island in Brooklyn. Sand may also be utilized as fill at the Fresh Kills Park and South Beach located in Staten Island.

As previously reported, analytical data received from samples collected of the sand have been given to the City of New York. No additional information has been provided at this time. The City has already approved reuse of the

sand at various beaches, however it is undetermined if material will go to Mariner's Marsh.

#### Nassau County

EPA continued to work with NYSDEC and local officials in responding to reports of orphaned containers primarily along the waterfront in Long Beach. EPA recovery teams continued HHW curbside collection in storm affected areas and orphaned container collection activities in the main land and bays south of Sunrise Highway. All HHW collected is being logged at the staging pad in Nickerson Beach.

#### Suffolk County

EPA recovery teams continued utilizing four HHW staging pads in Babylon, Riverhead, Islip, and Patchogue for HHW and orphaned container collection and drop-off. HHW curbside collection continued in Babylon but was suspended in Islip, Riverhead and Patchogue due to minimal collection on daily runs.

New York Hazardous Waste Summary *							Operational	
Period: 11/26/2012								
						Small		
		Propane		Containers	Other	Containers	Op-Period	Location Cumulative
Location	Drums	Tanks	Cylinders	(6-54 Gal)	(Large)	(<5 gal)	Totals	Totals
Cedar Grove Staging Area**	0	0	0	0	0	0	0	284
Fr. Capadano Park, Staten Island	1	20	5	2	0	464	492	6684
Fresh Kills Landfill Plant #1**	0	0	0	0	0	0	0	361
Fresh Kills Landfill Plant #2	7	1	5	1	0	86	100	2593
Islip Multipurpose Recycling Facility	0	0	0	0	0	0	0	740
Jacob Riis Park, Queens, NY	2	81	7	37	0	1546	1673	13988
Nickerson Park	0	15	26	0	0	1182	1223	33480
Old Bethpage Landfill and Recycling Center**	0	0	0	0	0	0	0	5538
Patchogue WWTP	0	0	0	0	0	7	7	558
Patchogue WWTP (Mastic Beach)	0	0	0	0	0	36	36	968
Riverhead Collection Area	0	0	0	0	0	0	0	130

Port of Coeymans**	0	0	0	0	0	0	0	101
Venetian Shores Park	4	21	5	0	3	1026	1059	8751
<b>Daily Total</b>	<b>4590</b>							
<b>Cumulative Total</b>	<b>74176</b>							

Cumulative Hazardous Waste Summary *						Operational Period:		
11/26/2012								
						Small		
		Propane		Containers	Other	Containers	Op-Period	State
Location	Drums	Tanks	Cylinders	(6-54 Gal)	(Large)	(<5 gal)	Totals	Cumulative
New York	14	138	48	40	3	4347	4590	74176
New Jersey	2	0	0	0	1	0	3	209
Op-Period Totals	16	138	48	40	4	4347	4593	
Cumulative Totals	350	1685	1061	451	126	70712		
Daily Total	4593							
Grand Cumulative	74385							

\* All Counts Based on Initial Intake Locations. \*\* Staging areas are no longer collecting/managing HHW.

## REGULATED FACILITIES

EPA has completed assessments of facilities regulated under SPCC, FRP, and RMP programs. Several facilities were found to be impacted by Hurricane Sandy and have been reported previously, such as Motiva, Phillips 66 Bayway, Alden Leeds, and Kinder Morgan Carteret. These facilities are currently being addressed by state and/or federal partners and need no additional EPA assistance at this time. No other facilities were found to be impacted needing EPA assistance. No further reporting of SPCC, FRP, and RMP facilities will be done unless significant operations or actions by EPA are required or requested.

## RCRA Corrective Action Sites

State/County	Facilities	Facilities Contacted by EPA or State	Facilities Visited by EPA	Issues Reported by Facility, State or EPA
New Jersey (1A) – Middlesex, Monmouth, Union, Passaic, Somerset, Hudson, Bergen, and Essex Counties( <i>Subset of EPA-lead facilities</i> )	55 (6)	49 (6)	8 (6)	9 (1)





CUMULATIVE								
		NYC	Nassau	Suffolk	Westchester	Rockland	Total	Major observations
Universe		138	299	68	26	4	535	
No Power		30	31	4	1	0	66	<b>Coney Island Hospital:</b> Hospital registered USTs were sound. 1 UST registered to the hospital and operated by NYFD-EMT appears abandoned and unsecured with diesel fuel. Dispenser is locked. <b>Staten Island Yacht Sales &amp; Marina:</b> USTs could not be located; dispensers destroyed. <b>NYPD 60<sup>th</sup> Police Precinct 2951 W 8<sup>th</sup> Street, Brooklyn NY 11224:</b> Facility heavily damaged and not operational. Recently installed USTs not assessed by operator, lowest priority for facility. <b>Verizon Wireless 140 West St. Manhattan:</b> basement with backup generator USTs flooded; release reported and responded to by NYSDEC. <b>55 Water St. Manhattan:</b> basement with backup generator USTs flooded; release reported and responded to by NYSDEC. <b>Oak Wood Beach STP, Staten Island:</b> gasoline USTs not operational due to dispenser malfunction. <b>Oyster Bay Marine Center:</b> Release from UST to secondary containment. Spill reported. No apparent release to the environment.
Storm Damaged Facility		49	92	21	4	2	168	
Storm Damaged UST	Yes	17	13	4	2	1	37	
	Unknown	22	63	5	2	1	93	
UST Spills		6	13	1	0	0	20	
Facility Not Operating		34	78	7	0	3	122	
Facility Was Flooded		65	133	27	11	3	239	
Require Follow-up		55	98	8	6	2	169	
Total Visited		136	286	66	23	4	515	

On 11/15/12 NJDEP reported that they have assessed between 300 – 400 facilities and have not identified serious problems. Some impacted areas on barrier islands remain inaccessible.

NJDEP reported the following UST Activities for Northern Region.

<b>Total # Facilities 113 Site visits – 12 were follow ups - 101 Individual sites</b>					
<b>Total Needing Assistance</b>					
<b>Total Not Operating</b>		<b>Operating on Grid</b>		<b>Operating on Generator</b>	
50		47		4	
<b>Flooded</b>	27	<b>Flooded</b>	11	<b>Flooded</b>	0
<b>No Power</b>	23	<b>No Power</b>		<b>No Power</b>	
<b>Flooded tanks 3 sites had water in UST</b>					

NJDEP also reported that in Ocean County, 62 site visits were performed and 33 facilities were not operating due to power loss.

**Large Quantity Generators (LQG):**

**Summary of DECA LQG personnel in field on 11/26/12:** 1 team of 2 LQG inspectors will be in the field on 11/26/12 assessing sites in Putnam County: Sam Kerns and Norman Rost.

**Summary of LQG Site Assessments:** Up through 11/21/12:

State	Universe	Visited	Reached via phone	Problems
NY	63*	56	6	5
NJ	404	0	8	1

EPA portion of universe of 124 facilities. 59 facilities being assessed by NYSDEC.

**Identified Problems:**

1. Kinder Morgan Liquid Terminals, 4101 Arthur Kill Road, Staten Island  
Four 55-gallon drums of waste lost. (One of which was D001/D018 hazardous waste - solvent soaked rags, the other three were non-hazardous well purge water) Facility unsure of whether this was reported to the spill response center - we have reported this to the EPA incident command. Also lost 15 5-gallon pails of unknown product, some but not all of which were recovered. Wilfredo Palamino was also present at the site for corrective action assessment. Facility also lost hazardous waste documents.
2. Kinder Morgan, Carteret, NJ  
Facility not visited but EPA inspector was informed that several large tanks had floated up, were damaged and had released their contents.
3. New York University – Hospitals Center and School of Medicine, NYC  
Cellar and basement flooded. EPA unable to complete assessment of basement hazardous waste storage area. Oil spill from 6,000 gallon fuel oil tank was reported to the NY State Hotline (report# 1208025).
4. Forsythe Cosmetics, Freeport, NY  
Approximately 50 Gallons of nail polish was released to secondary containment in an explosion proof storage room and subsequently cleaned and manifested off-site as hazardous waste. Fire Marshall inspected before and after. Facility will call NY Spill Hotline per EPA direction to see if they will issue a spill number.

5. Gateway National Recreation Area, NY

Sewage pumping system damaged. Unknown whether untreated sewage being released to Jamaica Bay. Information referred to water enforcement and the deputy RICs.

6. Con Edison, East River Generating Station, NY

Facility flooded causing tank to float and release 900 gallons of sodium hypochlorite. Release was reported as non-hazardous to Con Ed HQ, but unknown if Con Ed HQ reported the release.

**Summary of Pesticide Producing Manufacturers Assessments** (up to noon 11/21/12):

State	Universe	Contacted via Phone	Reached via Phone	Problems
NY	75*	75	75	0
NJ	187	186	133	1 (Alden Leeds – addressed)
Total	272	271	207	1

\* Ten NY facilities were confirmed to be out of business so the universe was reduced accordingly.

**Air Major Facilities in NY:**

**Summary of DECA Air personnel in field on 11/26/12:** 3 teams of 5 air inspectors will be performing site assessments in the Bronx on 11/26/12. Team 1: Joe Cardile and Aisha Sexton-Sims will be assessing scrap yards. Team 2: Phil Ritz and Mike Mallner will be assessing CAA Majors/Minors. Team 3: Daniel Manasia will be assessing CAA Majors/Minors.

**Summary of CAA Majors Facility Assessments:** Up through 11/21/12:

State	Universe	Visited	Problems
NY	200*	48	5

\*Universe increased to include additional facilities. Original universe of 39 was Evacuation Zone A.

**Identified Problems:**

1. **Kinder Morgan Liquids LLC—** Due to the electrical damage, the facility does not expect to have the vapor recovery system operating. A copy of the NAA letter was provided to a facility representative. ACB plans to follow up with the terminal to ensure that the conditions laid out in the NAA are being followed.
2. **Global Companies LLC Inwood Terminal—** The facility is using an emergency generator as there is no power. Also, it needs terminal repairs in NJ to get barge delivery. Air inspectors intend to revisit the site.

3. Sims Metal East LLC –Queens Plant— The facility manager stated there was major flooding at the facility due to Sandy. The entire administrative office was being renovated and he mentioned there was salt water damage to some of their equipment. This facility primarily receives cars and white goods from larger suppliers. They receive cars mainly from licensed auto wreckers. They estimated that they receive approximately 20,000 tons/month in cars alone. The company's standard CFC procedure is to accept cars and white goods only from suppliers with whom they have a contract that requires the supplier to recover all CFCs. During the facility tour, we observed that the company did not follow its standard CFC procedure. We observed a delivery of cars from one of the suppliers (Plakos) and Sims failed to verify that this supplier had a valid contract prior to accepting their delivery. *(There are potential CFC violations here and we need to investigate further.)*

4. Gershow Recycling of Brooklyn Inc— Gershow accepts cars and white goods from both larger and individual suppliers. During the assessment, we observed numerous vans and pick-up trucks dropping off white goods onto a pile. The top of pile was about 20 ft. high. We observed suppliers dropping off goods and leaving without any Gershow inspection. The manager stated that all materials being dropped off are later inspected for ODS. The facility owns 1 evacuation unit. They had 3 canisters stationed with the evacuation unit (1 full). Manager stated that they do not verify with the supplier when they receive white goods with cut lines and/or missing compressors. We asked for proof of processing ODS after collection. They provided the latest receipt dated 10/22/2012. Could not produce equipment certification upon request. *(There are potential CFC violations here and we need to investigate further.)*

5. Knickerbocker Village — The basement, which was flooded floor to ceiling, had asbestos. The facility has hired contractors to evaluate the asbestos to determine if removal is necessary.

#### Summary of PCB Facility Assessments:

NY Reported Transformer Releases				
*In the Affected Area				
Oct. 29, 2012 – Nov. 26, 2012				
*We are contacting the utilities for follow-up now that power restoration is complete.				
NYSDEC Spill Incidents Database				
	Universe <sup>+</sup>	Positive for PCBs	Negative for PCBs	Unknown for PCBs
<b>TOTAL</b>	<b>&gt;786</b>	<b>0</b>	<b>11</b>	<b>&gt;775</b>
Bronx	12			
Brooklyn	15			
Manhattan	22		2 incl 1 substation release of 1,300 gals.	
Nassau	95			

Orange	77		2	
Putnam	15		1	
Queens	25			
Rockland	75			
Staten Island	38		1 - Substation release of 1,000 gals.	
Suffolk	43			
Sullivan	31		4	
Ulster	21			
Westchester	302		1	
Address unknown	15			

<sup>+</sup> There were several entries which stated that multiple poles/transformers were involved.

#### **NRC Incident Database**

	Universe	Positive for PCBs	Negative for PCBs	Unknown for PCBs
<b>TOTAL</b>	<b>86</b>	<b>2</b>	<b>7</b>	<b>77</b>
Bronx	3			3
Brooklyn	4	1*		3
Manhattan	1			1
Nassau	9	1^		8
Orange	1			1
Putnam	0			0
Queens	8		2	6
Rockland	6		1	5
Staten Island	7			7
Suffolk	2		1	1
Sullivan	2			2
Ulster	0			0
Westchester	43		3	40

* Caller stated that apx. 50 gals. of an unknown oil with a high PCB content was discovered in a manhole. Caller stated that the PCB content was 11,120 ppm.
^ Caller stated that a transformer fell and discharged an unknown amount of transformer oil. Caller stated that the public utility service stated that they would not touch the oil because it contained PCB content.

<b>NJ Reported Transformer Releases#</b>			
Universe	Confirmed PCB Release	Unknown for PCBs	Non-PCB
72	2	36	34
#We are unable to gain access to NJDEP's internal RTK database in order to update this information.			

<b>Registered PCB Waste Handlers: Generator, Storage and Disposal Facilities in the Affected Area</b>				
	Universe	Contacted	Reached*	Release
NJ	1 disposal	1	1	No
NJ	10 storage	10	4	No
NJ	157 generators	0	0	--
NY	5 storage	2	2	No
NY	71 generators	3	0	--
* We are continuing to contact NY facilities by telephone and will make a site visit to any facility not reached by telephone.				

## 2.2 Planning Section

### PLANNING

The Planning Section continues to organize operational status reports, plan for the next operational period, and assist with needs in support of operations. The utilization of FlexViewer continues to grow as more regulatory programs commence and continue assessments. EPA personnel working in various regional offices are able to view data, generate maps, and become aware of the Common Operating Picture. ASPECT imagery has been uploaded and is being used to determine additional areas of assessment for drinking water facilities, wastewater facilities, HHW reconnaissance points, orphaned container recovery efforts, location of EOCs, potential staging areas, etc. This imagery will also be used when assessments to determine changes of the NJ and NY coast lines commence.

### The Environmental Unit

## **1. Ambient Water Sampling**

Newark Bay/NY Harbor - On November 25, 2012 the analytical data for samples collected for NJDEP using EPA Vessel Clean Waters to reassess bacteria levels in surface water were sent to Jill Lipoti of NJDEP.

## **2. PVSC Air Monitoring**

During the 24 hour sampling/reporting period on November 25 and 26, 2012 there were no alarm occurrences. As of 1500 ET, November 25 and 26, 2012, all ten (10) of the on-site and off-site monitors were in normal sampling operation.

## **3. Jacob Riis Park Pre/Post HHW Pad Soil Sampling**

On November 25, 2012 thirty-two (32) surface soil samples were collected and submitted for analysis from an area designated as a future staging pad for Household Hazardous Waste. The data will be used to document the presence of contamination on the site prior to the commencement of staging operations.

## **4. Floyd Bennet Field Perimeter Air Sampling**

On November 25, 2012 EPA met with personnel from the NYS DEC. The objective of the meeting was to incorporate the state's Environmental Beta Attenuation Monitors (E-BAMs) into the VIPER network. One of the deployed instruments, located in Geristen Beach, was added. Another two instruments (Mill Basin, Bell Harbor) are scheduled to be online November 28.

On November 25, 2012 eight (8) dioxin pre-burn samples were collected and will be shipped to Vista Analytical Laboratory.

On November 26, 2012 batteries at the eight (8) E-BAM locations were swapped and, as of 1530, all EPA units are operational.

On November 26, 2012 validated results from the pre-burn metals, VOCs, & PAH samples were received by the Environmental Unit for review.

## **2.3 Logistics Section**

### **Logistics**

Logistics has been verifying and following up with discrepancies between the staffing plan and the lodging tracking and updated the lodging tracking sheet accordingly. Logistics also is working with the Sandy Fleet and GSA vehicles including updating tracking information.

## **2.4 Finance Section**

### **FINANCE**

EPA continues to track costs and monitor funding levels against FEMA Mission Assignments. Current Mission Assignments and Estimated Expenditures and Daily Cost Burn as of 11/26/2012 @ 1330 hours;



Region, State	Agreement #, Current Expiration Date	Initial Agreement Date	Agreement Amount	Costs Incurred To Date	Estimated Burn Rate (\$/day)	Purpose
Region 2, New Jersey	4086DR-NJ-EPA-01, Expires 12/13/12	10/31/2012	\$400,000.00	\$345,058.81	\$12,779.96	ESF-10 EOC deployment and assessment assistance in NJ
Region 2, New Jersey	4086DR-NJ-EPA-02, Expires 12/10/12	11/2/2012	\$2,000,000.00	\$482,498.92	\$19,299.96	Drinking & Wastewater Assistance
Region 2, New Jersey	4086DR-NJ-EPA-03, Expires 12/10/12	11/4/2012	\$1,675,000.00	\$288,497.15	\$12,020.71	Technical Assistance for Environmental Assessments
Region 2 New Jersey	4086DR-NJ-EPA-04, Expires 03/02/13	11/3/2012	\$3,500,000.00	\$640,130.07	\$26,672.09	Direct Federal Assistance for oil/hazmat field ops
Region 2 New Jersey	4086DR-NJ-EPA-05, Expires 12/08/12	11/08/2012	\$1,275,000.00	\$657,306.33	\$36,517.02	REOC
Region 2 New York	4085DR-NY-EPA-02, Expires 12/30/12	11/04/2012	\$2,400,000.00	\$1,397,004.96	\$51,740.92	ESF-10 EOC deployment and assessment assistance in NY
Region 2 New York	4085DR-NY-EPA-01, Expires 12/01/12	11/2/2012	\$300,000.00	\$38,950.26	\$1,558.01	Drinking & Wastewater Assistance
Region 2 New York	4085DR-NY-EPA-04, Expires 12/04/12	11/7/2012	\$3,100,000.00	\$464,391.80	\$21,108.72	Technical Assistance for Environmental Assessments
Region 2 New York	4085DR-NY-EPA-03, Expires 12/01/12	11/7/2012	\$7,600,000.00	\$2,486,356.45	\$103,598.19	Direct Federal Assistance for oil/hazmat field ops
Region 2 New York	4085DR-NY-EPA-05, Expires 12/05/12	11/09/12	\$75,000.00	\$2,739.00	\$161.12	Dewatering Ops
TOTALS			\$22,330,000.00	\$6,820,540.83	\$227,351.36	

## 2.5 Other Command Staff

### **2.5.1 Safety Officer**

Safety visited the Lakewood, NJ HW pad and inspected the operations. Safety visited the Middlesex County Utility Authority to observe the power washing operations. Safety attended the All Agency Safety meeting at the JFO and coordinated field operations with OSHA and FEMA. A safety overflight of HHW pads in NY and NJ is scheduled for 11/29/12 at 12:00pm.

### **2.5.2 Liaison Officer**

EPA is continuing to monitor the progress of the outstanding Mission Assignments with FEMA. This included the attendance of associated meetings as deemed appropriate. During the next operational period, EPA will continue to staff the ESF-10 desk at the NYS/FEMA EOC.

### **2.5.3 Information Officer**

The PIO is David Kluesner and can be reached at 347-330-9439. The Information Office updated the Web daily narrative. The Information office continued to promote HHW collection PSAs to run in NYC media markets. The Information Office coordinated CIC team outreach with NY OPS in support of HHW collection efforts in Nassau and Suffolk Counties and the NYC boroughs. The Information Office continues to coordinate with HQ EOC on data posting on the [epa.gov/sandy](http://epa.gov/sandy) web site and on air curtain test burn messaging. One CIC was deployed to Redhook, Brooklyn in support of HHW collection efforts. A CIC was also deployed to Breezy Point to accompany the Special OPS team on HHW assessments and collection efforts. Additional CIC deployments were scheduled today through Saturday, December 1 in three of the five NYC boroughs and in Suffolk and Nassau Counties. The Information office identified four newspapers in Staten Island, Brooklyn and Queens for placement of HHW collection ads this week. The ads are currently being processed.

## **3. Participating Entities**

### **3.1 Unified Command**

Unified Command has been established in Staten Island with the United States Coast Guard Sector New York. Mission Assignments have been issued to USCG for assessment and mitigation along the shores of Staten Island. USCG is focused on conducting shoreline assessments and has requested EPA contractor support to assist in these investigations. EPA has a seat with the UC and is coordinating activities associated with very specific Mission Assignments. EPA is also coordinating efforts to have interior areas that may have also been impacted as a result of storm surge and high winds.

### **3.2 Cooperating Agencies**

EPA is coordinating with a host of agencies on numerous efforts to assess, respond, recover, and mitigate environmental threats caused by Hurricane Sandy. Federal partners include FEMA, Army Corp. of Engineers, USCG, NOAA, and others. State agencies that EPA is coordinating efforts with include Departments of Health, Transportation, Sanitation, Parks, NYSDEC, NJDEP, Emergency Management, and others. County and local officials are also integrated in decision making and tactical assessments of situations.

## **4. Personnel On Site**

Personnel on Site:

Region/State	Current EPA Personnel In Field	Current EPA Contractor Personnel In Field	EPA Personnel in	Contractor Personnel in	Total
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	(All Venues other than EPA Offices)		REOC	REOC	
<b>Region 2</b>			52	36	88
<b>New York</b>	21	133			154
<b>New Jersey</b>	8	30			38
<b>Total</b>	29	163	52	36	280

#### Number of EPA Personnel Deployed to Region 2 – Hurricane Sandy (11/26/12)

	OSCs	RMs	PIOs	Water Specialists	GIS Specialists	RPMs	CICs	Other (field capable)	Other (not field capable)	Total by Region
<b>Region 1</b>	8	0	1	0	0	0	0	1	0	10
<b>Region 3</b>	2	0	1	0	0	0	0	0	1	4
<b>Region 4</b>	0	0	0	0	0	0	0	0	0	0
<b>Region 5</b>	2	1	0	0	0	0	0	0	0	3
<b>Region 6</b>	4	0	0	1	0	0	0	0	0	5
<b>Region 7</b>	3	0	0	0	0	0	0	0	0	3
<b>Region 8</b>	0	0	0	0	0	0	0	1	0	1
<b>Region 9</b>	0	0	0	0	0	0	0	0	0	0
<b>Region 10</b>	0	0	0	0	0	0	0	0	1	1
<b>HQ</b>	0	0	0	0	0	0	0	1	0	1
<b>ERT</b>	0	0	0	0	1	0	0	2	1	4
<b>RTP</b>	0	0	0	0	0	0	0	1	0	1
<b>Total by job title</b>	19	1	2	1	1	0	0	6	3	33

## 5. Definition of Terms

### Definition of Terms

Assisting and Cooperating Agencies - Agencies who are assisting the EPA response, but are not a part of Unified Command.

E Goods - Electronic machines which contain hazardous components. Emergency Response - any activity undertaken by the Operations Section which mitigated an immediate threat to human health or the environment.

FRP - Facility Response Plan. Under the Clean Water Act, as amended by the Oil Pollution Act, a plan for responding, to the maximum extent practicable, to a worst case discharge, and to a substantial threat of such a discharge, of oil. Required by certain facilities that store and use large quantities of oil.

Household Hazardous Waste - Small quantity waste from households that contain corrosive, toxic, ignitable, or reactive ingredients is hazardous. This includes pesticides, paint, solvents, etc.

Hazardous Debris - Debris which contains compounds that make it inappropriate for municipal landfill disposal

Monitoring - Using equipment which will give limited real-time information about constituents in environmental media. This method is used most often for air and water testing.

RCRA - Resource Conservation and Recovery Act.

RMP- Risk Management Plan. Under the Clean Air Act, certain facilities with large quantities of toxic potentially air born chemicals whose releases may impact human populations are required to submit to EPA a plan for hazard assessment, prevention, and emergency response.

Sampling -The process of taking environmental media for analysis at a laboratory of its constituents. These tests may require multiple days to complete, but test for a wider array of constituents than monitors.

Small Container - any container with a potential capacity of less than 5 gallons.

TRI - Toxic Release Inventory - A publicly available EPA database that contains information on toxic chemical releases and other waste management activities reported annually by certain covered industry groups as well as federal facilities. This inventory was established under the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) and expanded by the Pollution Prevention Act of 1990.

Unified Command - A structure based on the Incident Command System (ICS) that brings together the Incident Commanders of all major organizations involved in the incident in order to coordinate an effective response, while at the same time allowing each to carry out their own jurisdictional, legal, and functional responsibilities.

White Goods - Large home electronics such as refrigerators, washing machines, and dryers.

WW - Wastewater Treatment Facilities

## **6. Additional sources of information**

It is believed that all community drinking water and wastewater treatment system assessments have been completed. Therefore, these data will no longer be reported.

### **ADDITIONAL INFORMATION:**

WEBSITE: <http://www.epaosc.org/HurricaneSandy>

### **INSTRUCTIONS FOR EPAOSC.NET:**

If you do not have a password or have never used the EPAOSC.net website before, you will need to click the login button on the top right of the web page. Once on the login page, you will need to click on REGISTER HERE, provide the information requested and submit. This submits your request to ERT, and they will generate a user ID and password for you to enter the private side of the Website. In less than 10 minutes after registering, you should receive an e-mail from ERT SUPPORT providing the information (login and password). At this point you can then enter the website: [www.epaosc.net](http://www.epaosc.net), click on log in, then enter your information. Once logged in, click on websites, then click on Region 2. The Hurricane Irene website should be one of the first ten websites that pop up, if not, you can scroll down to find the site. Click on Hurricane Sandy. Once on the site, you can navigate to the documents that will be stored there.

### **FlexViewer :**

WEBSITE: [http://www.epa.gov/geospatial/ermaps/Region2\\_HurricaneSandy/](http://www.epa.gov/geospatial/ermaps/Region2_HurricaneSandy/)

The EPA Region 2 Common Operating Picture is now available on FlexViewer. This interactive display is constant being updated with various information pertaining to assessments, resource locations, EOC locations, status of remedial/removal sites, water treatment facility locations, and many other. Individuals located within the EPA network may view the display and create their own maps, however the COP located in the Situation Unit adjusts to the needs of the operations.

If you find that you are having trouble viewing the website, please contact the EPA duty officer at (732) 906-6850

Afterhours Notifications, National Response Center (NRC)	800-424-8802
Deputy Regional Incident Coordinator (DRIC) for NY, Neil Norrell	908-420-4512
Deputy Regional Incident Coordinator (DRIC) for NY, Bonnie Hriczko	908-420-4450
Deputy Regional Incident Coordinator (DRIC) for NJ, Christopher Jimenez	908-420-4484
Deputy Regional Incident Coordinator (DRIC) for NJ, Kelli Lucarino	908-421-2628
NY JFO (Queens), Michael Solecki, OSC	908-420-4501

NJ JFO (Middletown), Carl Pellegrino, OSC	917- 613-2153
UC USCG (Staten Island), Dan Gaughan	908-420-4462

## **REPORTING SCHEDULE**

Situation Reports are due out at 2300 hrs at the conclusion of that operational day.

### **7. Situational Reference Materials**

Situation Reports for response activities in New Jersey and New York associated with Hurricane Sandy can be found at [www.epaossc.org/HurricaneSandy](http://www.epaossc.org/HurricaneSandy).

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Hurricane Sandy Operations  
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